

Title: SELF-ASSEMBLING ARRAYS AND USES
THEREOF

Applicants: Ault-Riche *et al.*

Filed: October 30, 2003 Atty Docket No.: 25885-1755

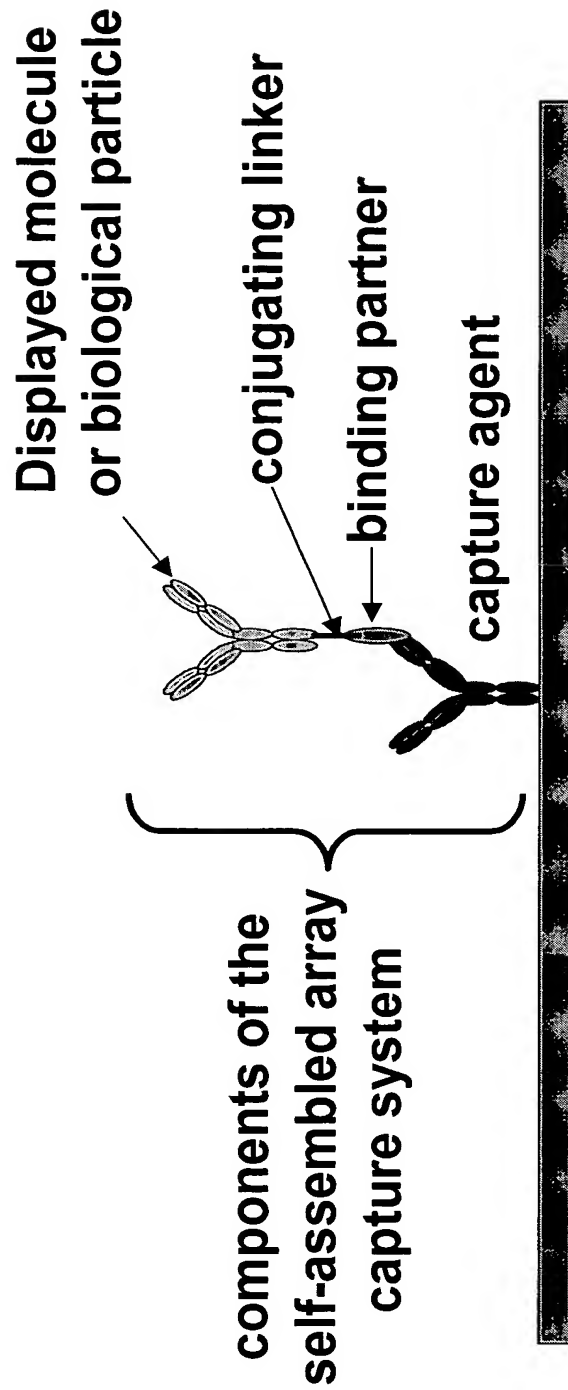


Figure 1A

Title: SELF-ASSEMBLING ARRAYS AND USES
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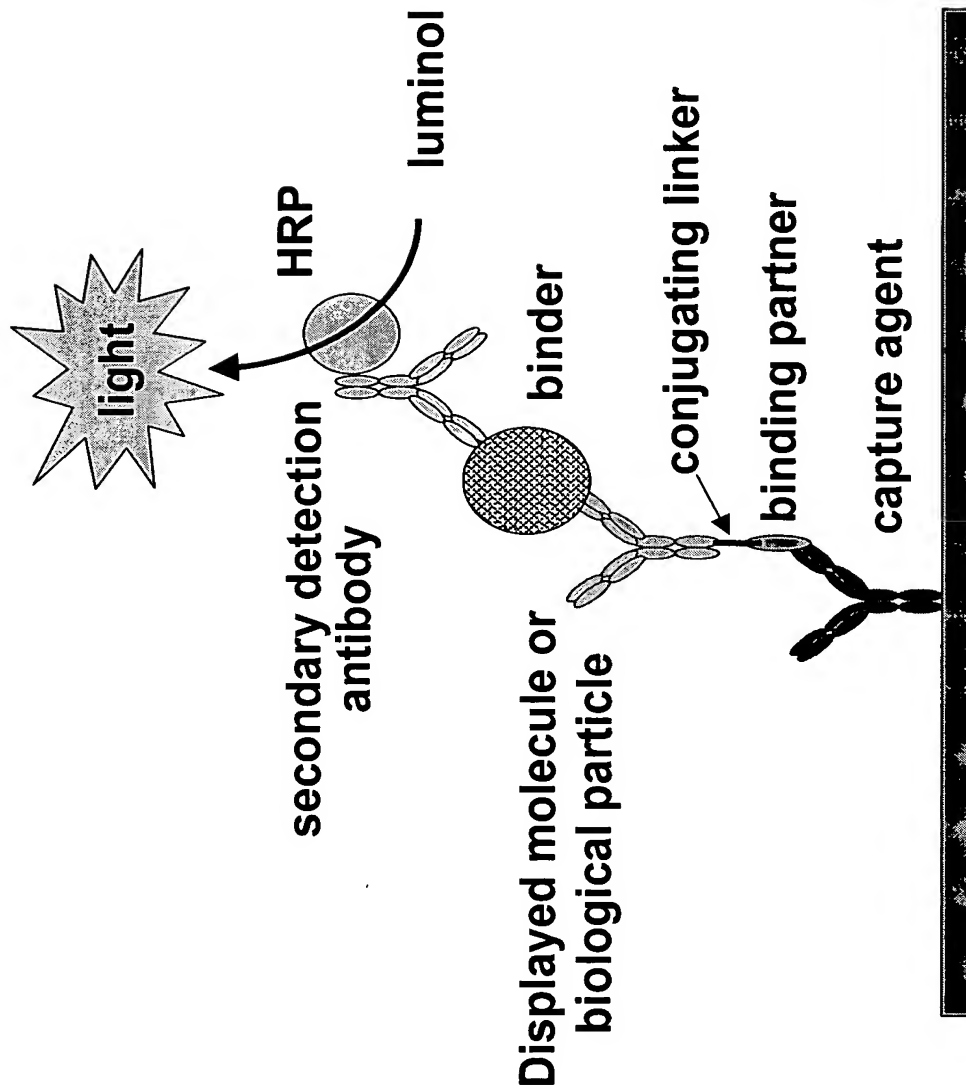


Figure 1B

Title: SELF-ASSEMBLING ARRAYS AND USES
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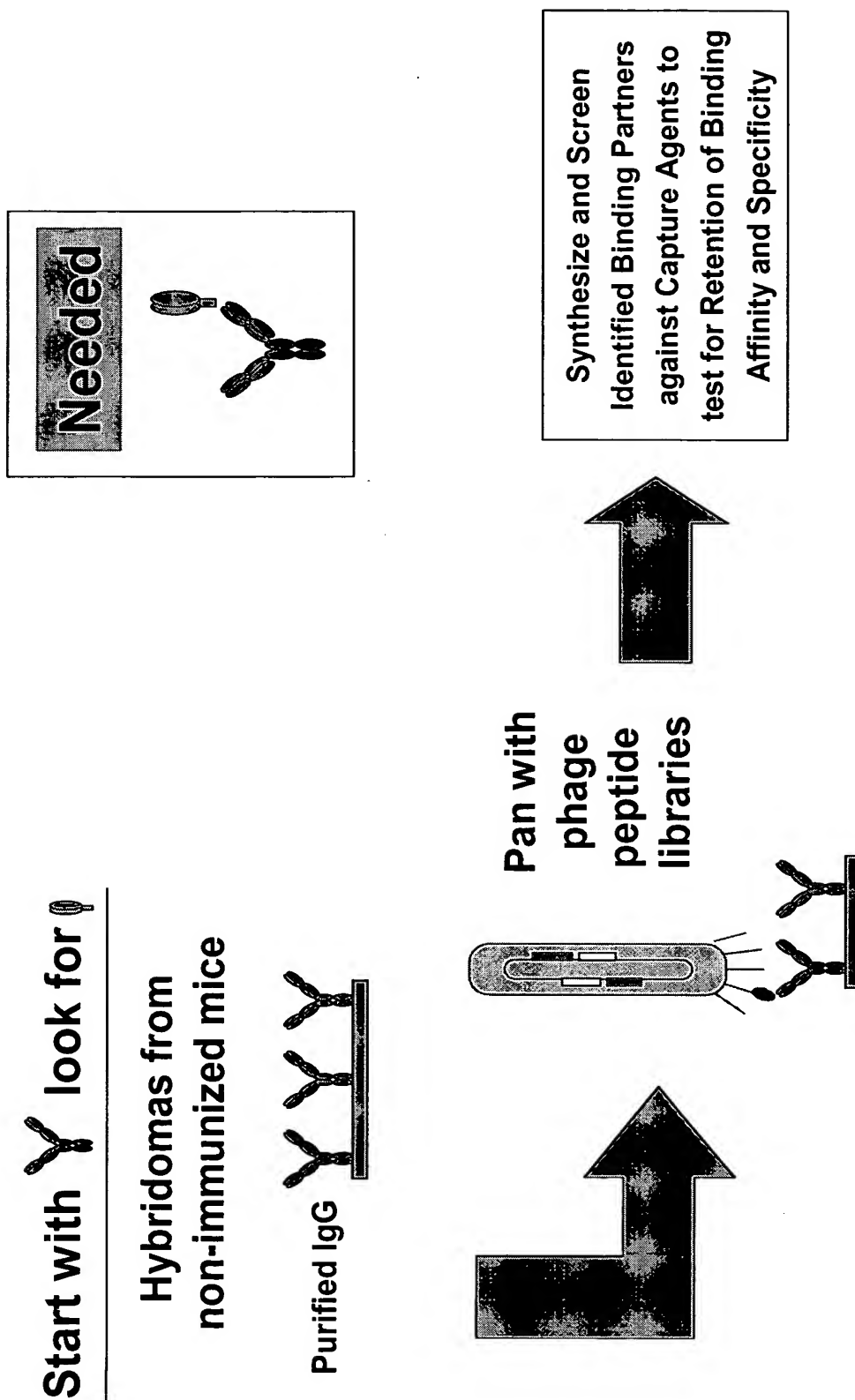


Figure 2A

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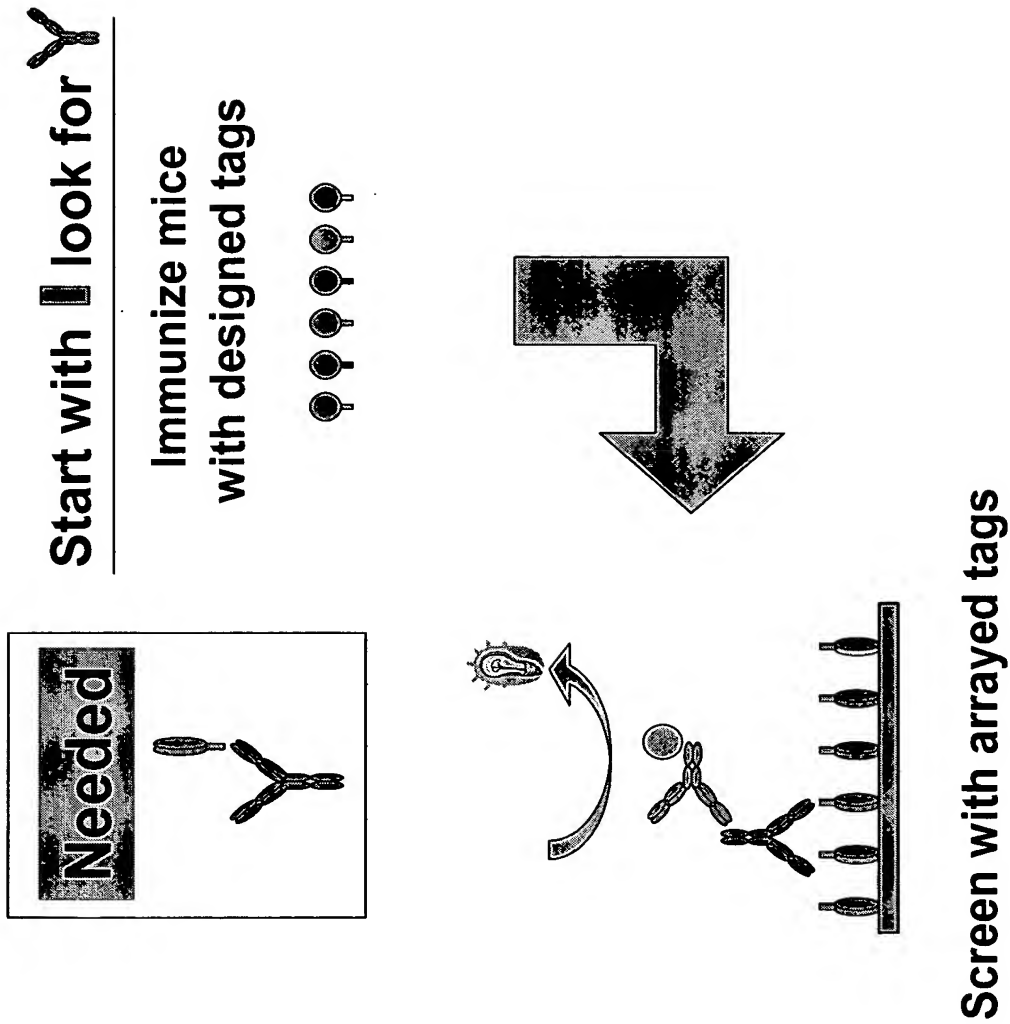


Figure 2B

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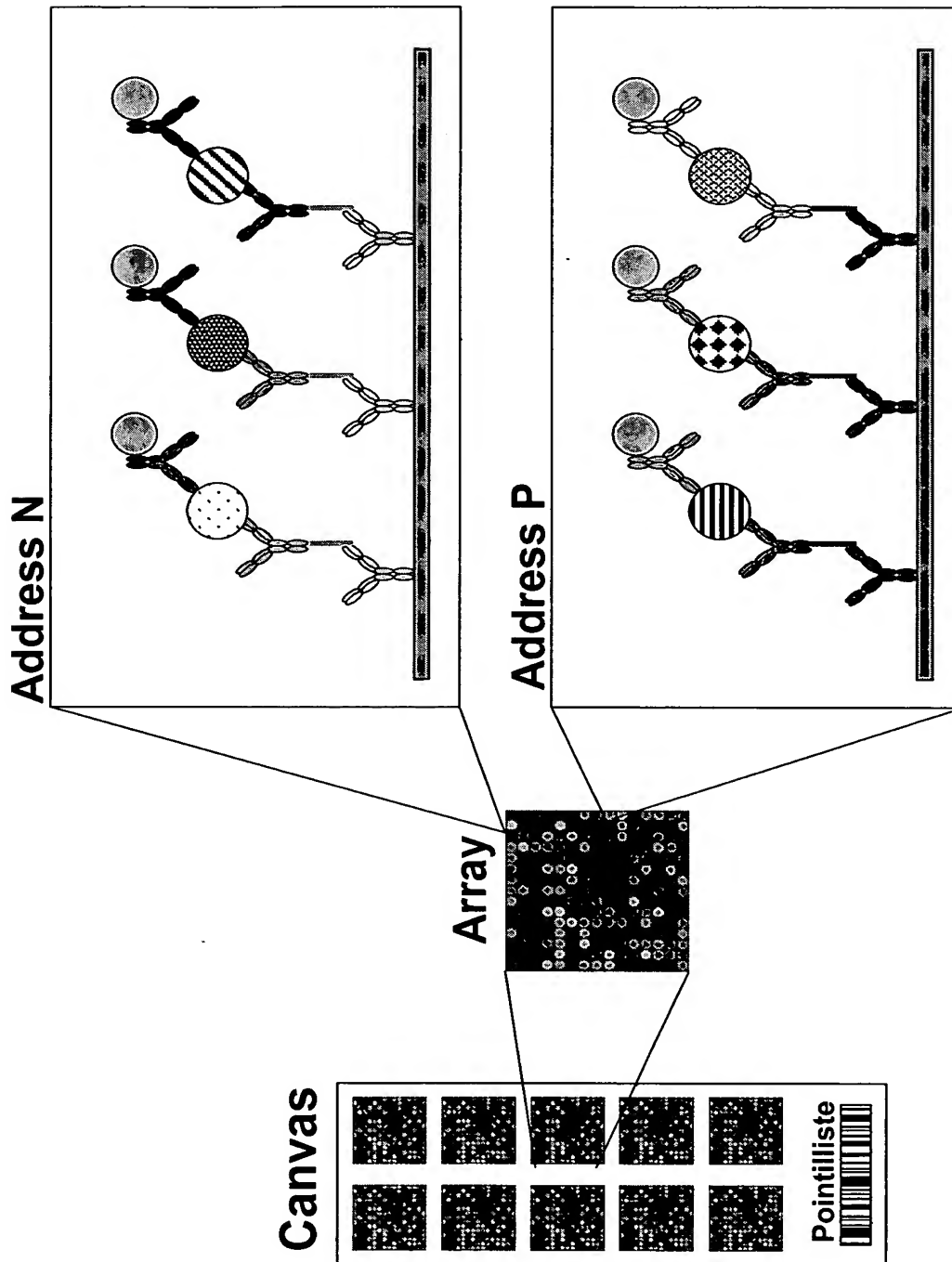


Figure 3

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Screening for Candidate Compounds or Conditions that Modulate Interactions

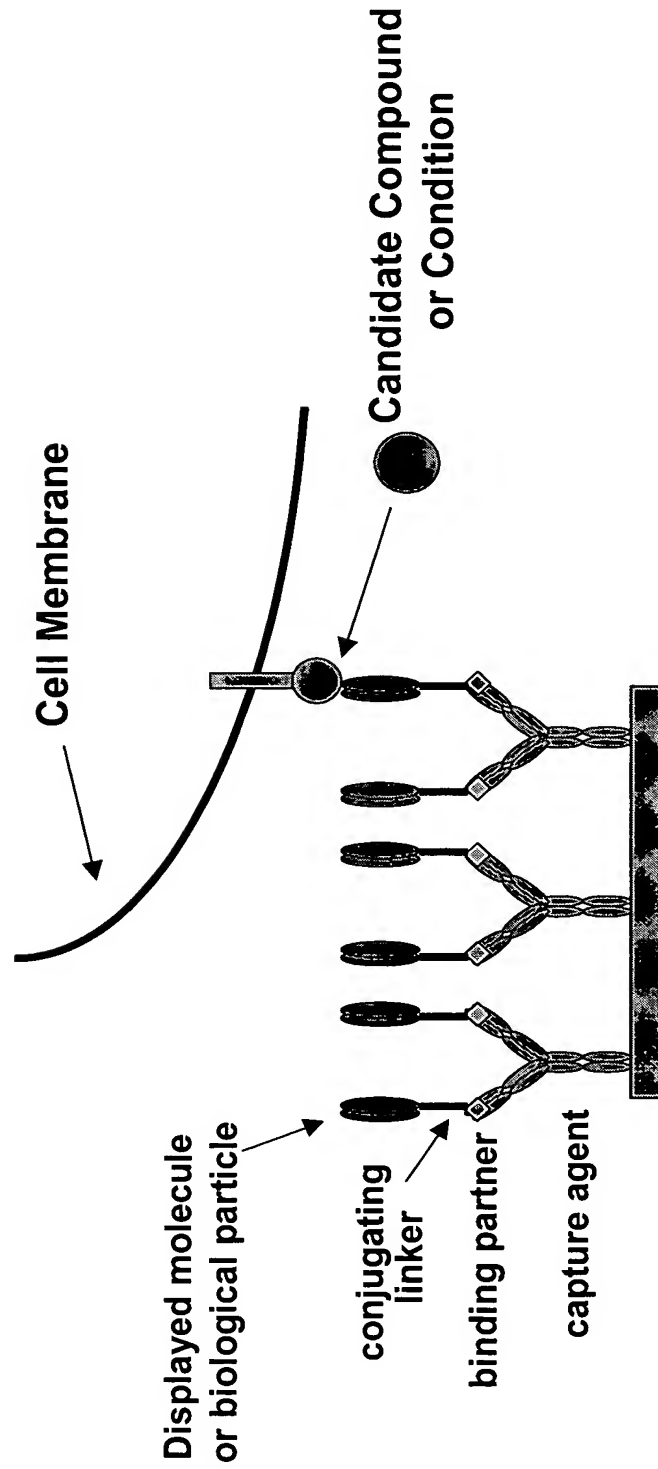


Figure 4A

Screening for Candidate Compounds or Conditions that Modulate the Effect of Interactions

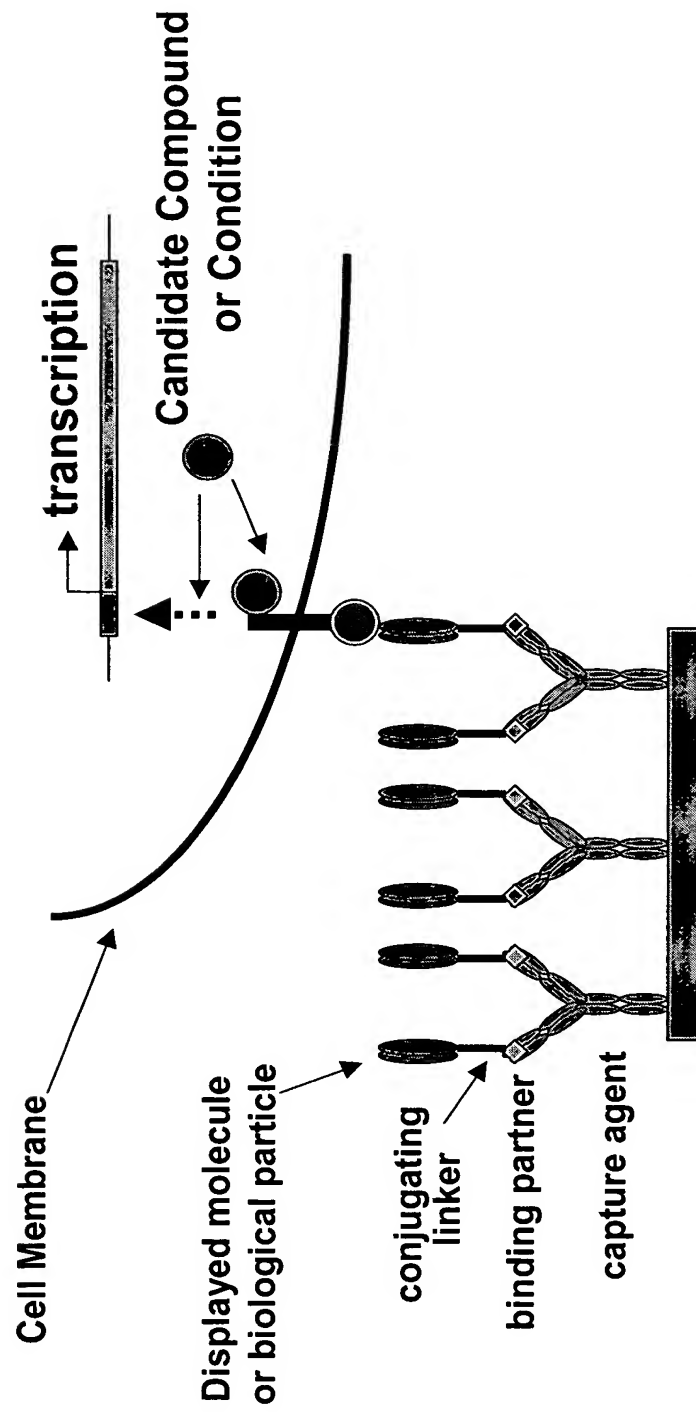


Figure 4B

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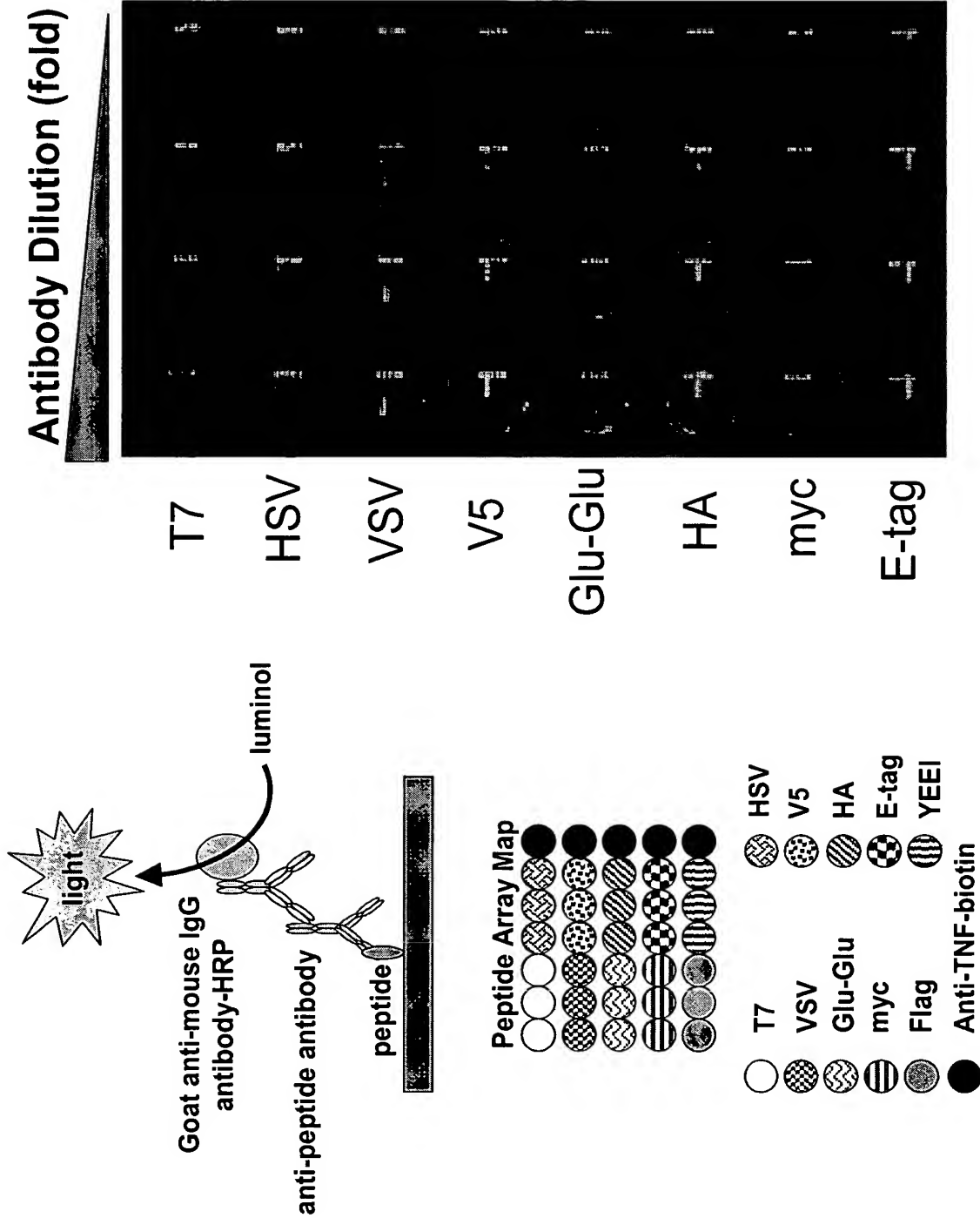


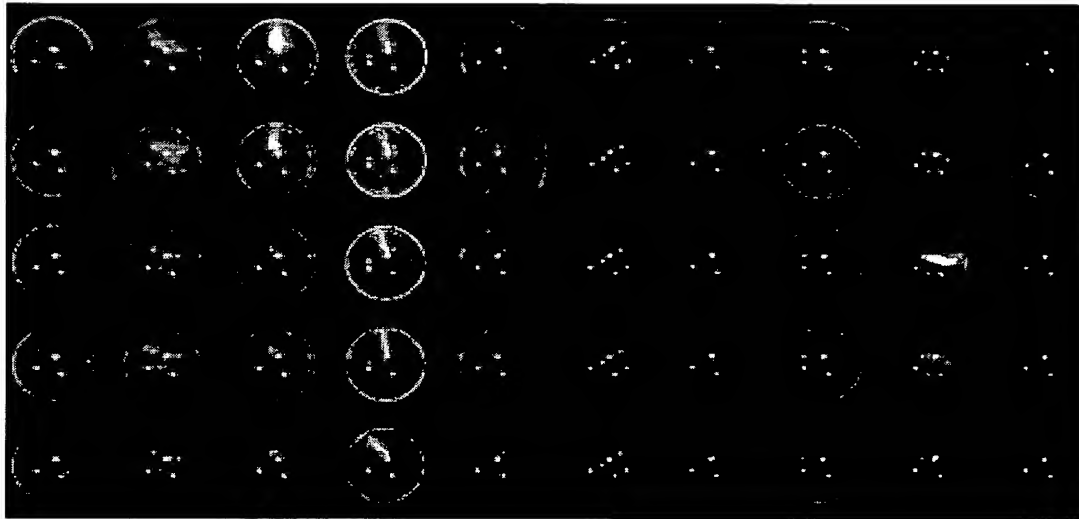
Figure 5

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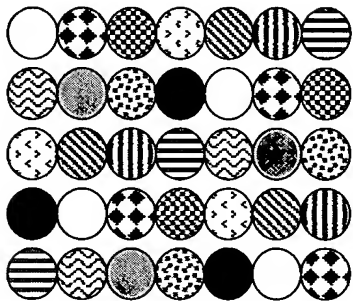
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T7 HSV VSV-G V5 Glu-Glu HA myc E-tag Flag Control



Peptide
Dilution

Antibody Array Map



- | | |
|----------------------|---------|
| ○ T7 | ● HSV |
| ● VSV | ● V5 |
| ● Glu-Glu | ● HA |
| ● myc | ● E-tag |
| ● Flag | ● UPC10 |
| ● Anti-mouse IgG-HRP | |

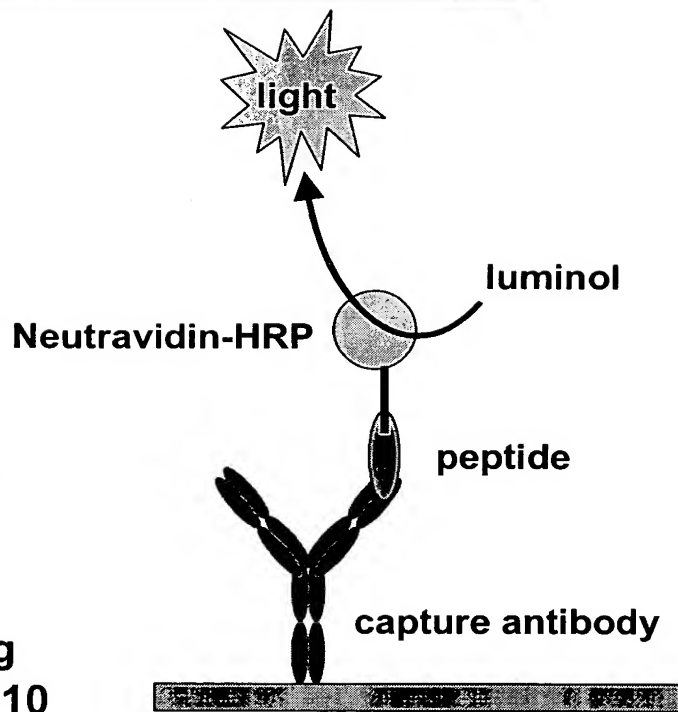


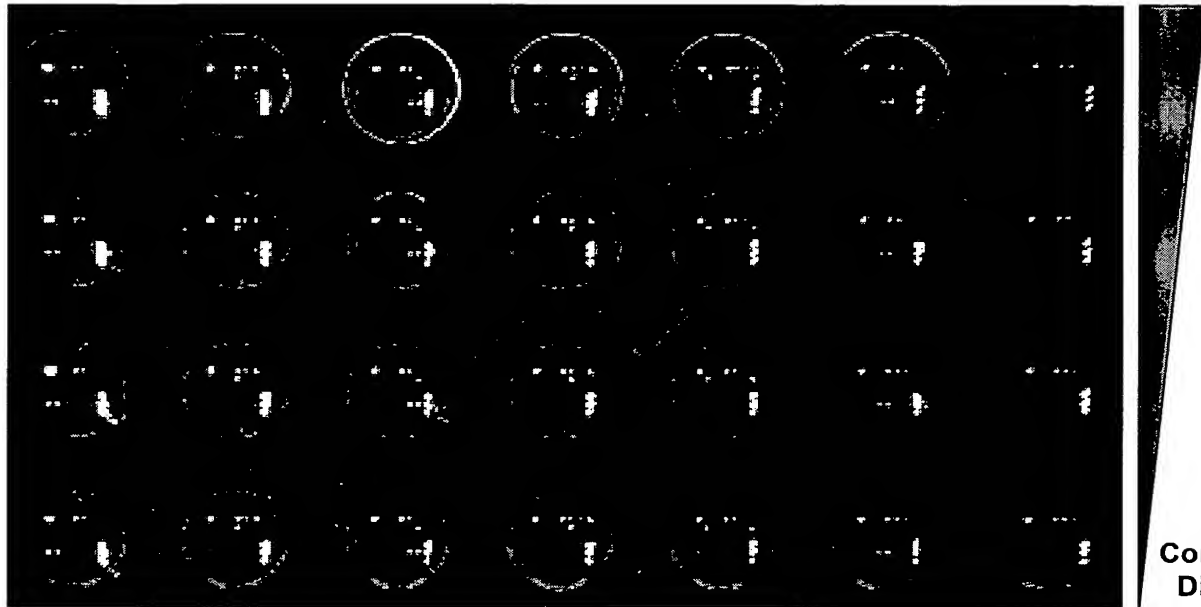
Figure 6

Title: SELF-ASSEMBLING ARRAYS AND USES
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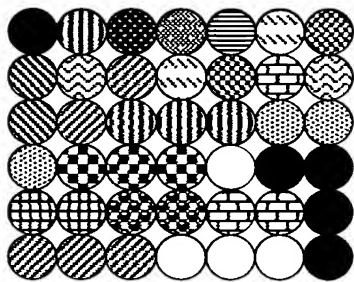
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E-tag Flag Glu-Glu HA VSV-G V5 Control



Antibody Array Map



- | | |
|----------------|---------|
| IFN γ | Myc |
| TNF α | Flag |
| GM-CSF | VSV-G |
| Human IgG | Glu-Glu |
| Albumin | V5 |
| Mouse IgG-HRP | HA |
| Buffer Control | E-tag |
| UPC10 | |

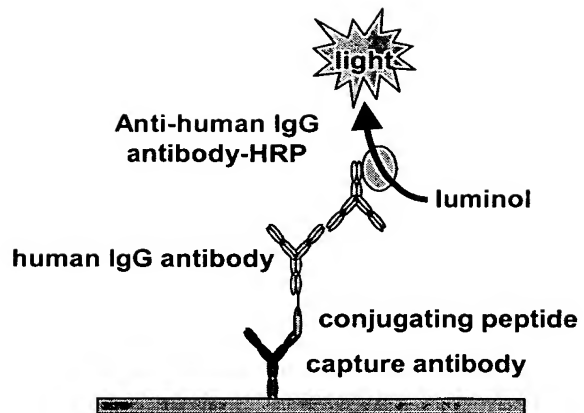
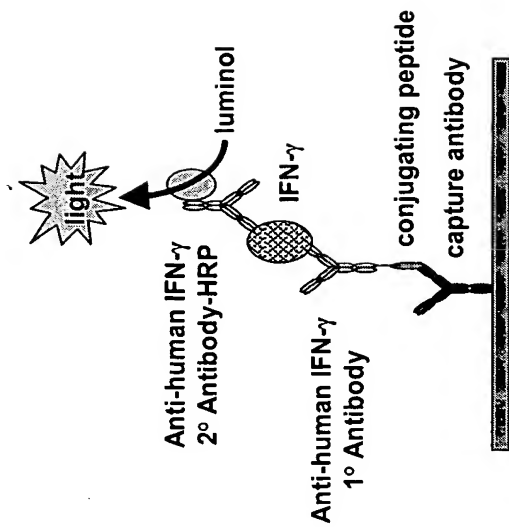
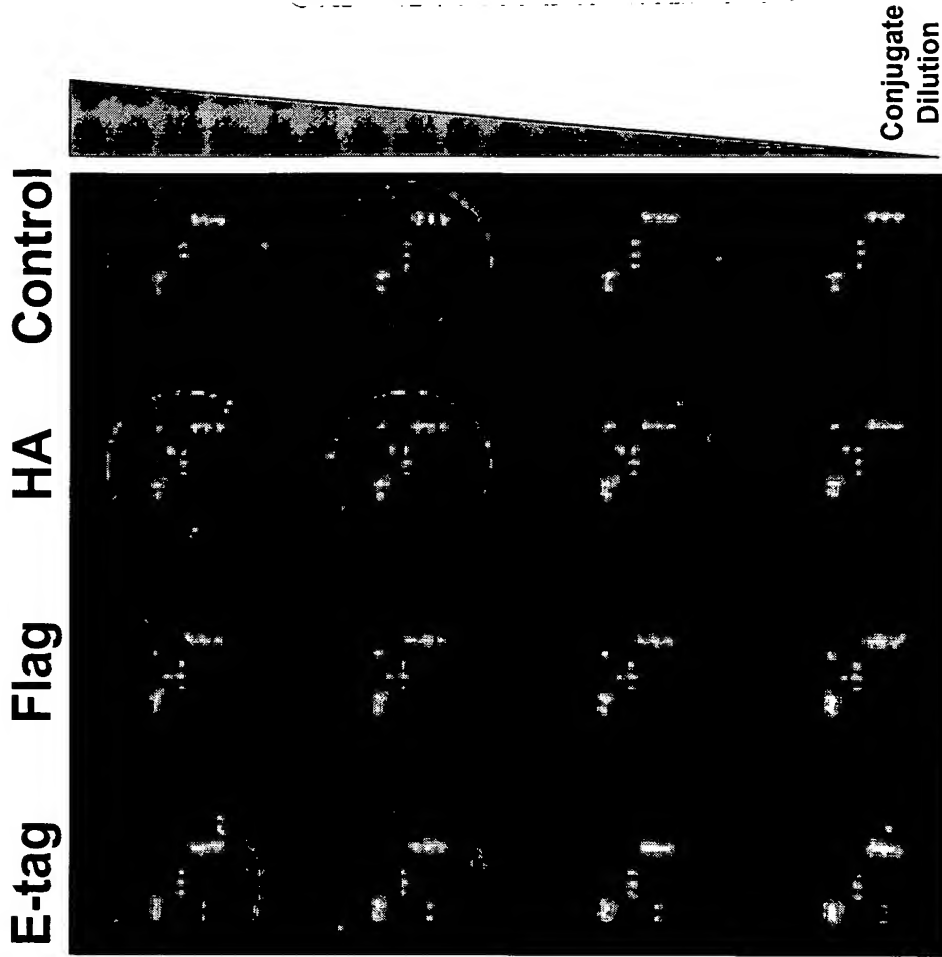


Figure 7

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Antibody Array Map

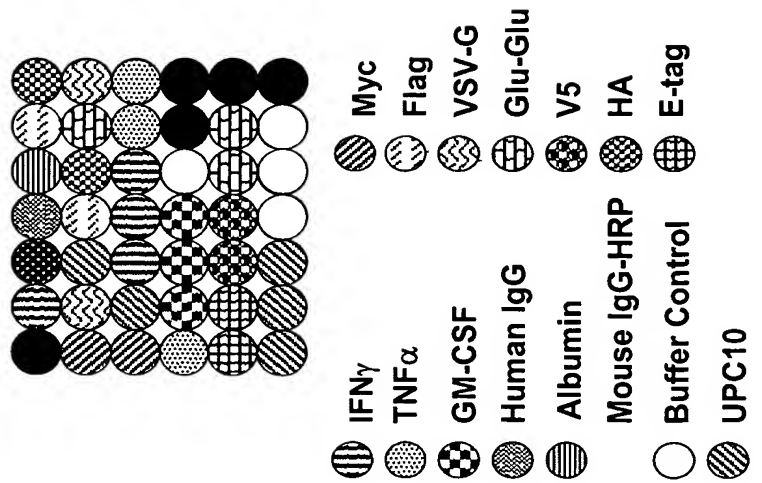


Figure 8

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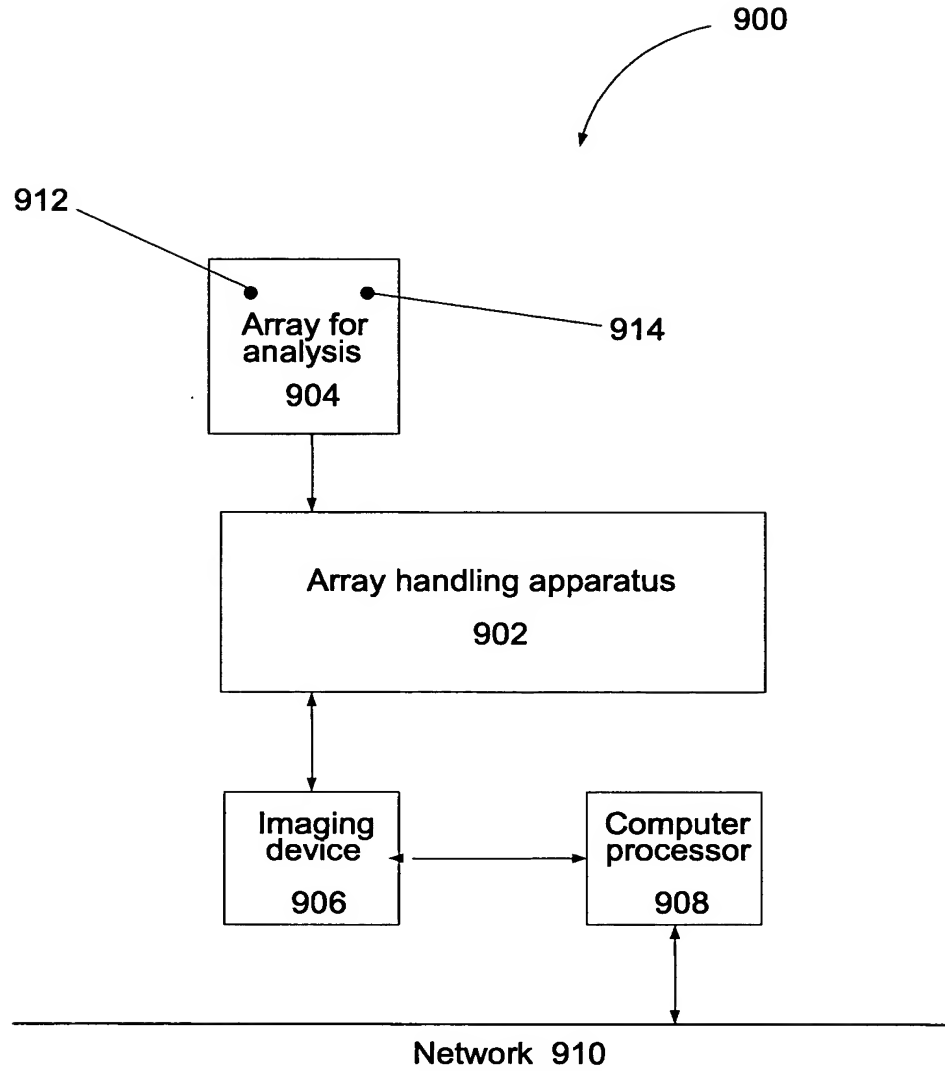


Figure 9

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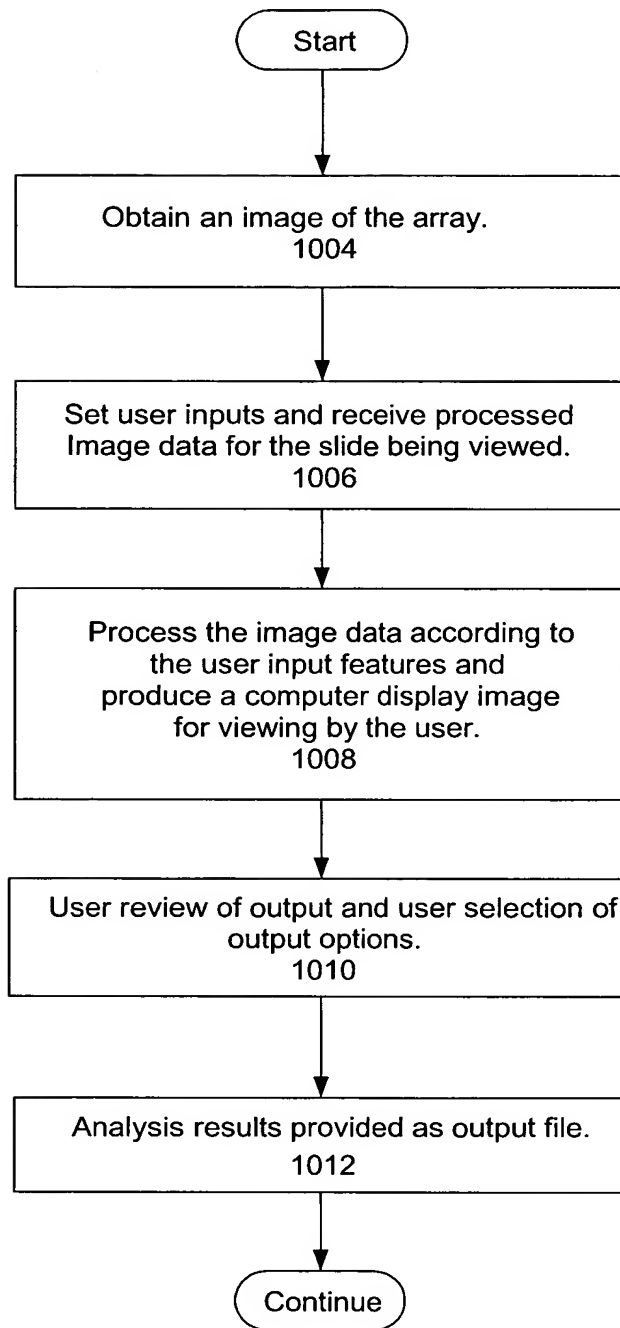


Figure 10

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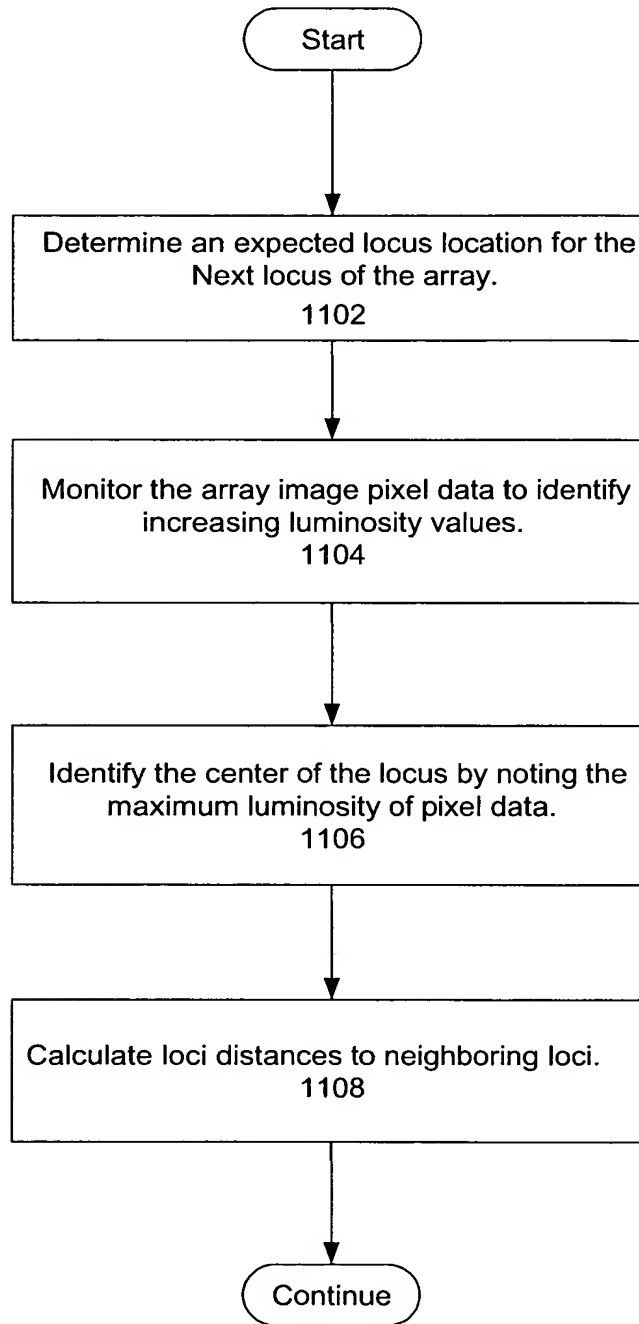
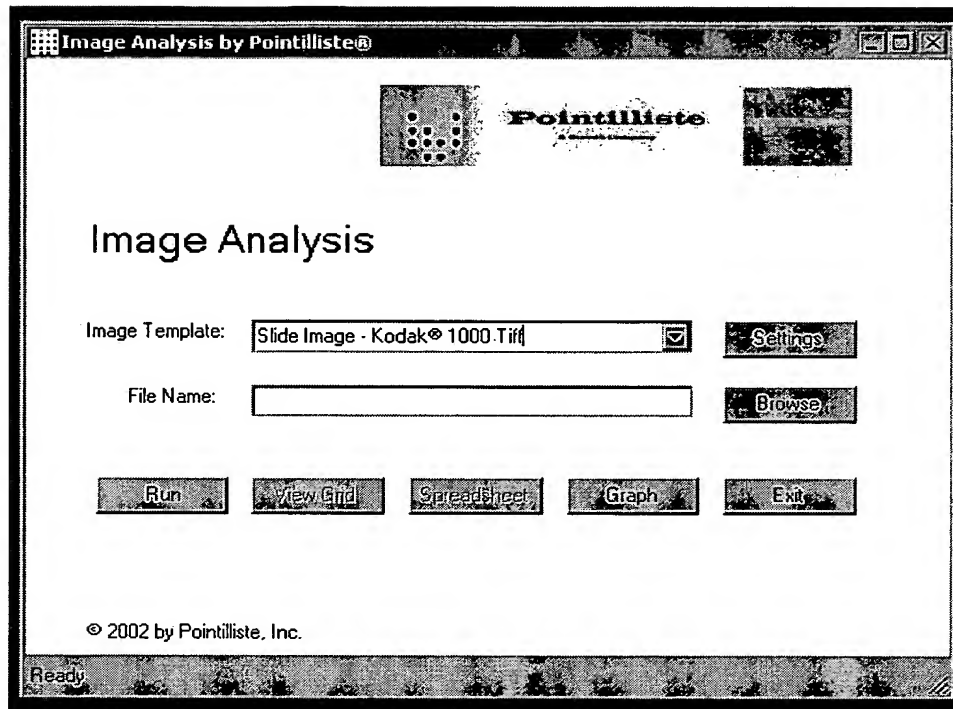


Figure 11

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Figure 12

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Settings

Plate Settings | **Array Settings**

Positive Control Search

Positive Control Min Intensity - 3x3 avg (1-65535):

Top Left Positive Control (pixels)

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Array Count / Spacing

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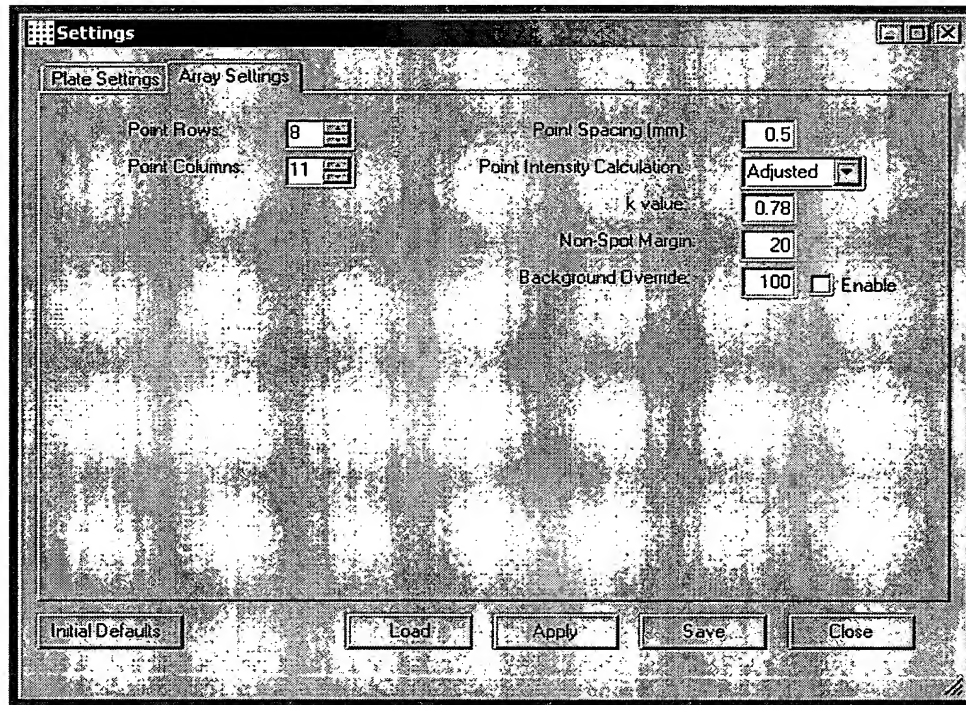
1302

Figure 13

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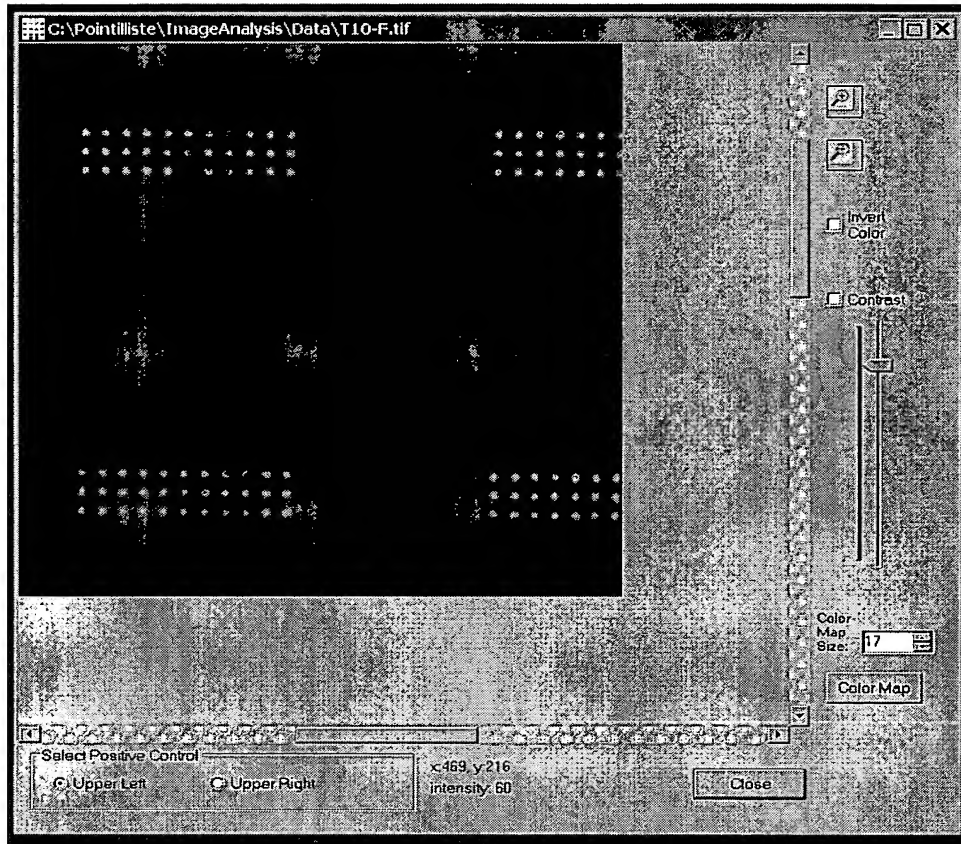
1402

Figure 14

Title: SELF-ASSEMBLING ARRAYS AND USES
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1502

Figure 15

Title: SELF-ASSEMBLING ARRAYS AND USES
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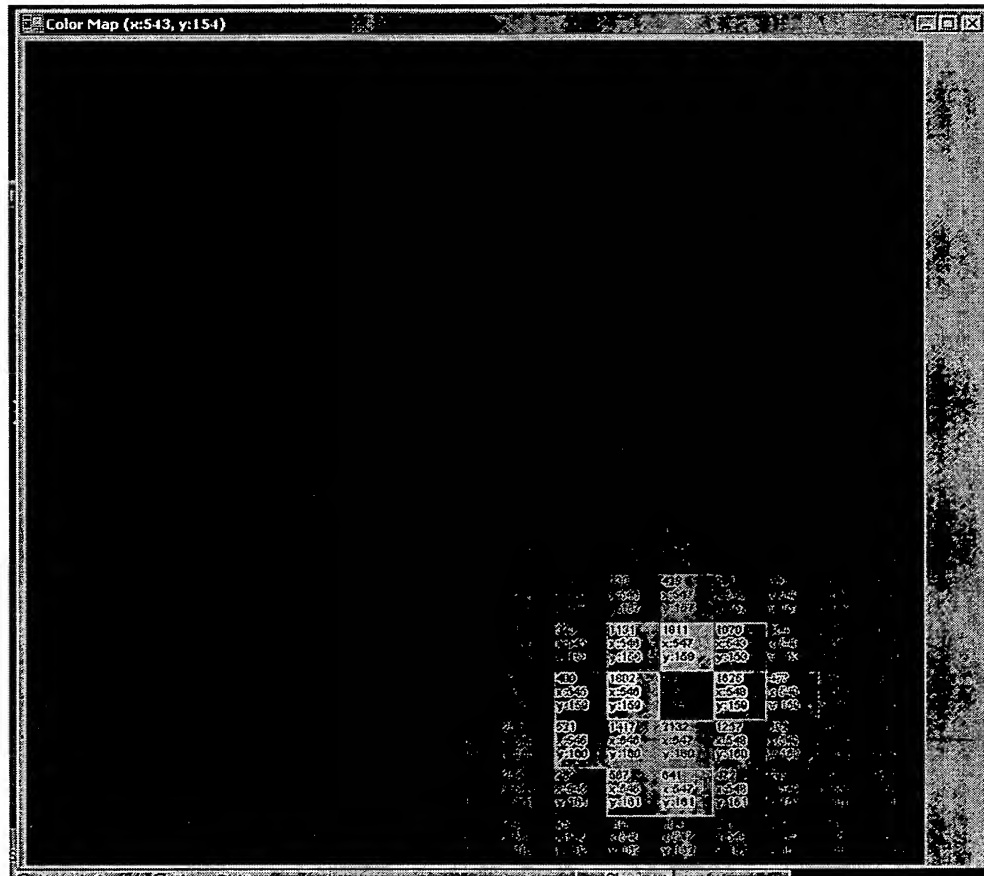
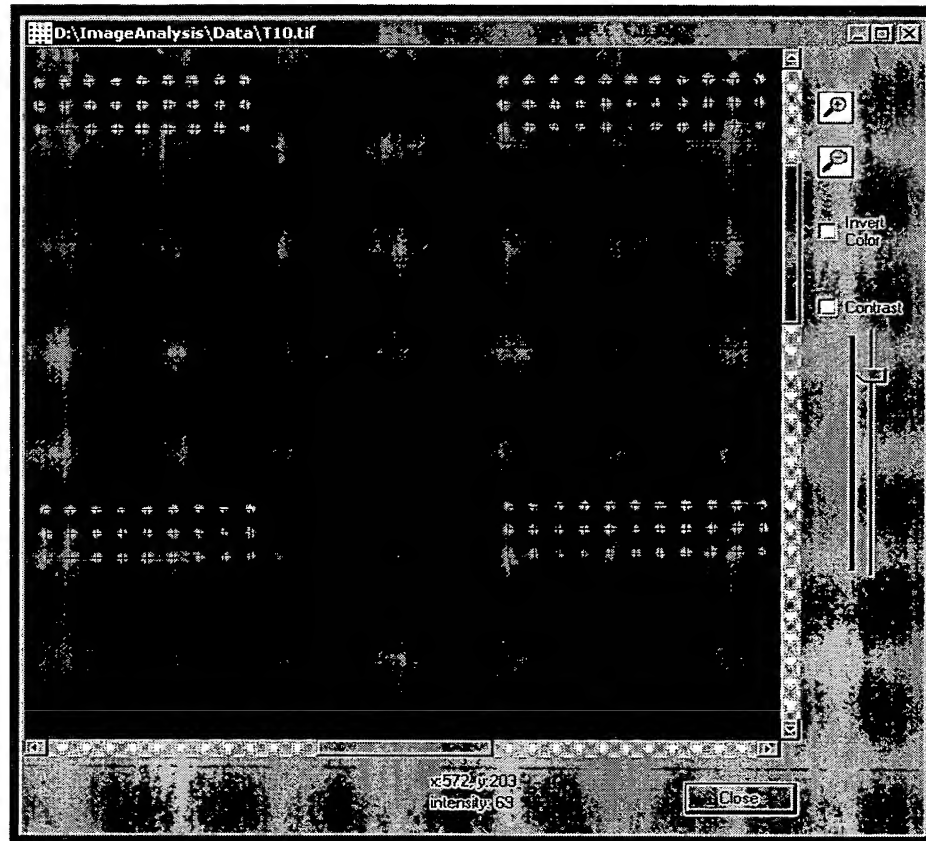


Figure 16

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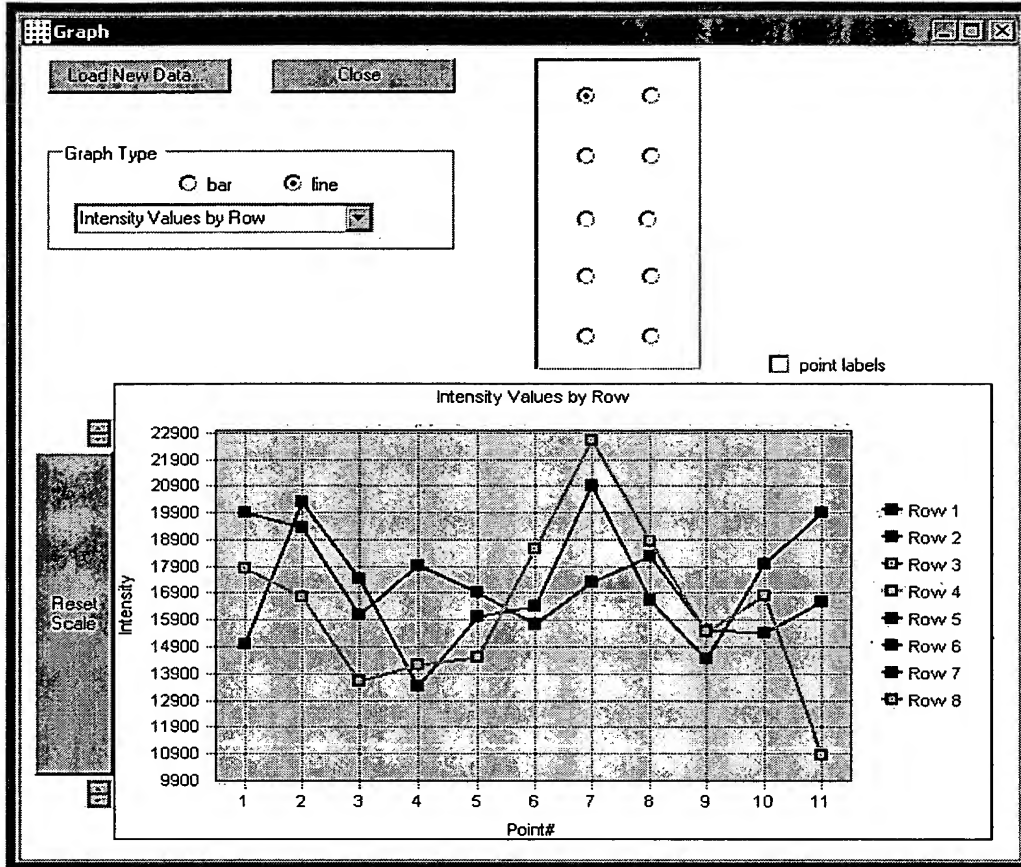
1702

Figure 17

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Figure 18

Title: SELF-ASSEMBLING ARRAYS AND USES
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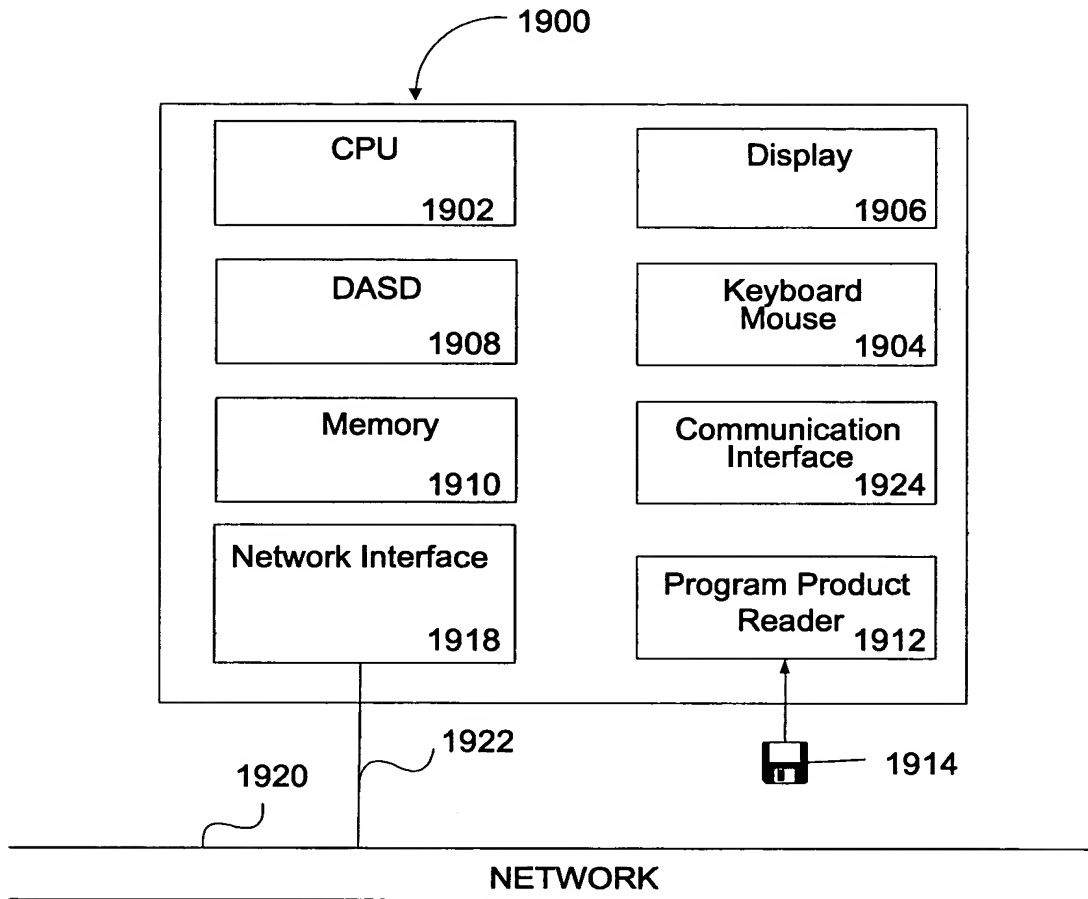


Figure 19

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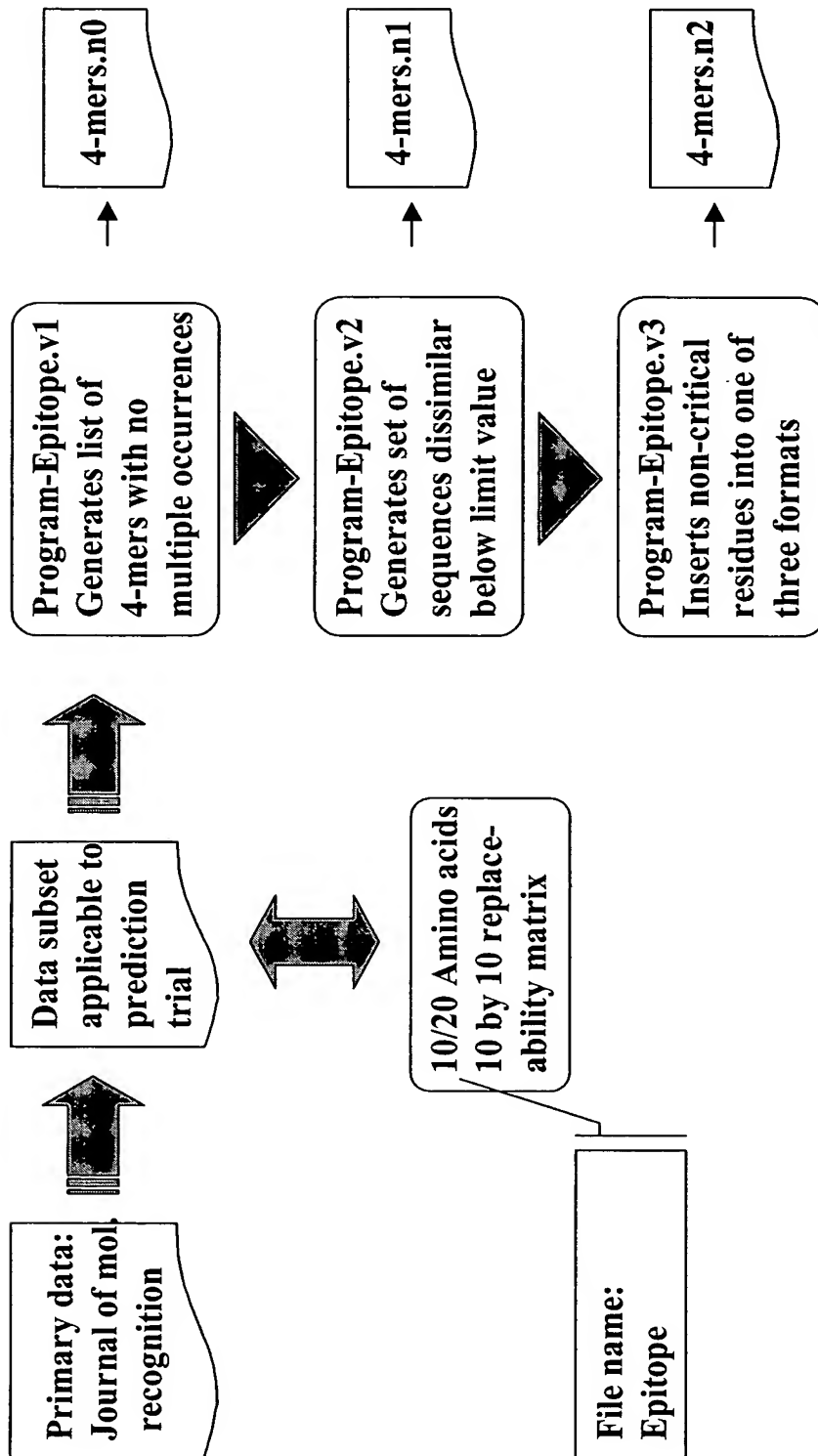


Figure 20